



TECHNOLOGY SERVICES

ProjectFirma® Software Platform

Improve Data Management and Foster
Collaboration with Software Customized
for your Operational Needs

ProjectFirma is a community-driven, open-source software platform specifically designed to manage data and monitor results for conservation and restoration projects. This highly customizable web and mobile tool helps regional initiatives and partnerships coordinate efforts and quantify their collective impact. ProjectFirma is perfectly suited for regional organizations who need to track and share high-level details of various projects with a wide range of internal and external stakeholders.

Users from over 1,000 organizations rely on ProjectFirma to track projects of all types, including habitat restoration, forest health, water quality, environmental monitoring and compliance, regional planning, species conservation, outreach and education, and scientific research. This open-source platform is built using an extensible architecture, so it can be quickly customized to meet your unique organizational requirements without the cost and delay of building from scratch. ProjectFirma is a streamlined project tracking toolkit from a company with a portfolio of mature software applications for natural resource managers.



Benefits



1. Foster Collaboration

Coordinate actions and resources, facilitate group decision making

2. Improve Data Management

Standardize processes for data collection and record keeping to better understand expenditures and accomplishments

3. Increase Efficiency

Streamline and automate common workflows to save time and money

4. Tell Your Story

Engage the public with reports and a public-facing web portal

"The online platform is a powerful tool that improves transparency and accountability and allows us to showcase the great work being done."

Kimberly Caringer | EIP Division Manager, Tahoe Regional Planning Agency

Organization and Clarity

A Specialized Tool for Project Tracking

ProjectFirma is designed to bring organization and clarity to complex project ecosystems with multiple stakeholders and workflows. This flexible platform is ideally suited to integrate with a variety of technology systems, bringing all project information together into a centralized system of record.



Key Platform Functionality

TRACK SHARE SUMMARIZE VISUALIZE

- Standardizes workflows for proposing, reviewing, approving, and updating projects
- Visualizes progress via maps, charts, and photos
- Supports geospatial data import and live connections with GIS servers such as ArcGIS and GeoServer
- Quantifies accomplishments and expenditures by funding source
- Automatically rolls up data by program category, geography, and theme
- Generates automated Project Fact Sheet PDFs
- Promotes program transparency and accountability
- Integrates with other sites, tools, and databases
- Allows lightweight and flexible content management
- Supports user account management with various roles and flexible security permissions
- Includes full-service cloud hosting with continuous data backups, security auditing, and 24/7 monitoring for availability and performance

Key Clients



Tahoe Regional Planning Agency
eip.laketahoeinfo.org



North Coast Resource Partnership
northcoastresourcepartnershipprojects.org



Washington DNR
foresthealthtracker.dnr.wa.gov



US Bureau of Reclamation
internal only



Colorado Peaks to People
outcomes.peakstopeople.org



California Association of Resource Conservation Districts
rcdprojects.org



California Department of Water Resources – Salton Sea Management Program

ProjectFirma Features

Project Fact Sheet

ACTION AGENDA for Puget Sound

30% Design of Priority Estuary Restoration Projects in the West Central Action Area

Regional Priority SHELL1.11: Develop and implement local and tribal pollution identification and correction (PIC) programs

Approach Kitsap County

Lead Implementer Academy for Systems Change, Capitol Land Trust, Puget Sound Partnership

Funders Audubon Washington, City of Port Orchard, Coastal Watershed Institute, Hood Canal Coordinating Council, Northwest Indian Fisheries Commission, U.S. Environmental Protection Agency

Other Organizations Jennifer Burke (jennifer.burke@psp.wa.gov)

Primary Contact Implementation

Stage 2018 - 2022

Duration

SHELL1: Address overarching priorities to increase and protect harvestable shellfish acres > SHELL1.11: Develop and implement local and tribal pollution identification and correction (PIC) programs

To achieve the successful implementation of four high priority barrier/pocket estuary restoration projects identified by the "West Sound Nearshore Integration and Synthesis of Chinook Salmon Recovery Priorities" report, a phased feasibility and design approach is needed. The proposed projects are in County ROWs within the Steele Creek, Sacco Creek and Ollala Creek estuaries.

The City also proposes to replace the Annapolis Creek culvert infrastructure with a fish friendly box culvert or a bridge, effectively removing the pocket estuary barrier and beginning the processes needed to restore Annapolis Creek.

Key Accomplishments

- On-site Sewage System (OSS) Inspections Completed (DRAFT): 420 number
- Pollution Sites (OSS and Fecal) Corrected (DRAFT): 240 number

Activity Types

- Behavior Change - Awareness Raising (Education)
- Ecological Restoration - Ecosystem
- Ecological Restoration - Species

Location

Expenditures

Expenditures by Funding Source to Date: \$500,000.00

Legend: 20% 10% 70%

Legend: 20% 10% 70%

Legend: 20% 10% 70%

Projects Overview in Map Format

EIP PROJECT MAP

View the locations of EIP projects throughout the basin. You can color-code the projects by Focus Area or Project Stage. Click a marker on the map to view more information about an individual project. Project locations are approximate. For large projects, the area is simplified to a single point even though the project may have multiple locations.

Color Projects by: EIP Focus Area Filter Projects by: EIP Program 9 of 9 selected Link to this map

Cluster Project Locations

To zoom, hold Shift and drag a rectangle.

Show regional project list

01.01.01.0200 - Hills Erosion Control Project Phase I

Duration: 2021 - 2022 Planning/Design

Lead: Novatia Tahoe Resource Team

Implementer: Estimated Total Cost: \$30,411

Threshold Categories: Soil Conservation, Water Quality

Focus Area Program: Watersheds and Water Quality

Action Priority: Stormwater Management Program

For project expenditures & results, see Project Fact Sheet

EIP Focus Area: Watersheds and Water Quality Forest Health Sustainable Recreation and Transportation Science Stewardship and Accountability

Customized Public Website

NCRP PROJECT TRACKER

The North Coast Resource Partnership enhances the watersheds and communities of the North Coast region and the quality of life for all.

EXPLORE

Data Management and Data Sharing Key Benefits

- Centralized source of shared data for regional stakeholders
- Simplified tracking designed for conservation and restoration projects
- Easy-to-use tools for report generation, data sharing, and public engagement

Features

- Leverage built-in workflows for proposing, reviewing, approving, and updating projects
- Import your own GIS files, or draw points, lines, or polygons to map your project
- Supports live, bi-directional connections with GIS services such as ArcGIS and GeoServer
- Add before and after photos to chronicle project progress and results
- Associate projects with geospatial areas such as watersheds, counties, management areas, habitat zones, etc
- Automatically roll up data by project category, location, partner, etc
- Curate project data for reporting needs
- Easily share data with other platforms, or generate and distribute reports using tools in the platform

Tell Your Story

Key Benefits

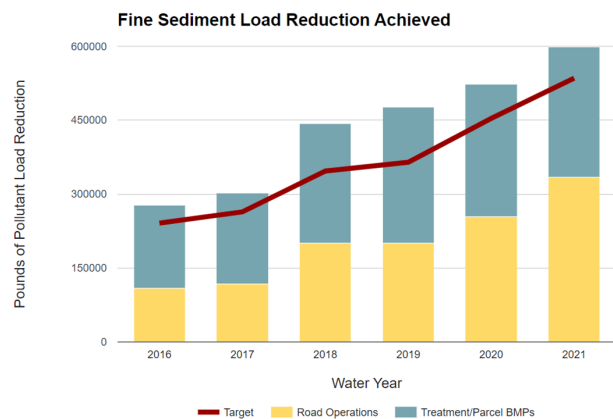
- Public-facing website you can easily edit yourself
- Project reports in a variety of formats
- Custom visual design to match your brand identity

Features

- Generate 2-page Project Fact Sheets with one click to summarize project location, accomplishments, and financials, and to recognize funders and partners
- Collaborate with our team to design data visualizations and layouts that most effectively communicate your unique identity and mission
- Apply your agency brand to project reports

ProjectFirma Features

Evaluate Performance vs. Goals



Performance Monitoring, Analysis, and Evaluation

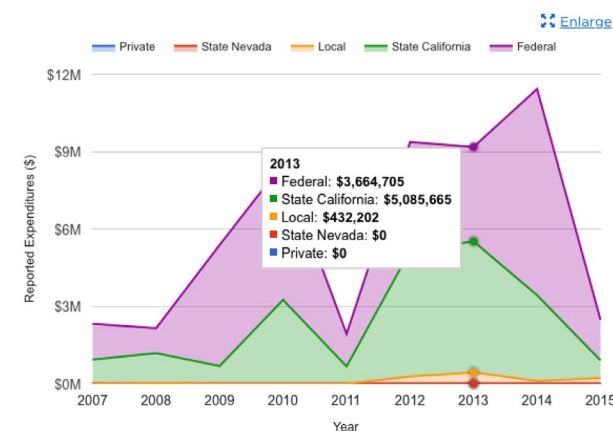
Key Benefits

- Advanced data visualizations help you monitor progress and quantify results
- Data-driven analysis enables you to evaluate the effectiveness of program or priority initiatives
- Answer questions such as "how many acres of forested habitat have been restored this year in a particular county, using a particular funding source, or working with a particular partner?"

Features

- Create your own data visualizations with control over formats, colors, labels, etc.
- Chart project data with benchmark or target values
- Leverage integrated GIS mapping and data visualizations to understand project status and performance at a glance
- Automatically aggregate project-level data by organization, location, funding source, theme, performance measures, etc.

Track Expenditures by Funding Source



Financial Tracking and Analysis

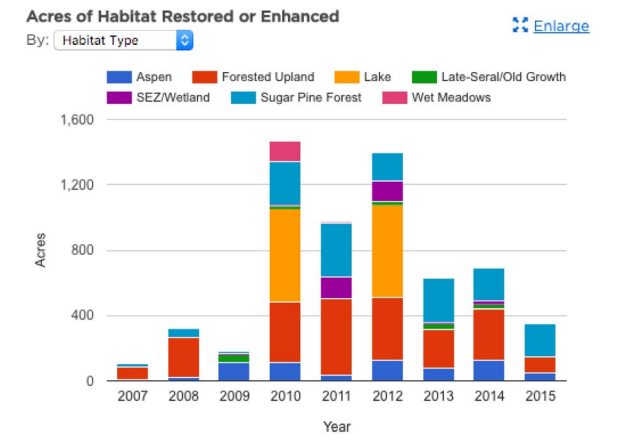
Key Benefits

- Financial tools let you see exactly how various funding sources are being allocated, and associate each funding source with quantified results
- Answer questions such as "how do changes in funding levels impact project outcomes?"

Features

- Track funding sources by organization and type, and see how they correlate with project results
- Generate reports for funders that chart their contributions with specific priorities, geospatial areas, and quantitative accomplishments

Monitor Accomplishments Over Time



Open-Source Software Benefits

Our clients see an advantage to open source solutions because they avoid vendor lock-in and are available for anyone to modify, enhance, and update over time. Open-source software additionally encourages users to participate in an open user-community to guide platform roadmap and feature implementation.

TOPIC OF COMPARISON	PROJECTFIRMA PLATFORM	PROPRIETARY SOFTWARE
Customization	Additional improvements and refinements can be implemented to meet specific needs	When available you must adapt to vendor's conventions and are often subject to vendor's product roadmap
Third-Party Integration	External tools can be readily integrated using standards-based web services	Functionality varies; often you must conform to proprietary product's requirements
Privacy	FISMA/NIST 800-53 information security standards certified	Typically handled; may not be based on standards
Data Export	Export data to Excel or GIS file; alternatively, external systems can request data on-demand via web services	Functionality varies; you may not be able to get data out in a readily usable format
Ongoing Costs	You control the software and can choose a different vendor or hosting arrangement at any time	You do not control the software; cost to switch to a different platform or solution may be high

Plug into a Community of Like-Minded Organizations

We host frequent meetings of the ProjectFirma User Group. Because ProjectFirma is open-source, these organizations work cooperatively to determine additional features that benefit all, and collaborate to plan and fund these initiatives.

Learn More

See Case Studies of ProjectFirma Deployments

- Washington DNR Forest Health Tracker: esassoc.com/projects/forest-health-tracker
- California RCD Project Tracker: esassoc.com/projects/project-tracker-for-california-resource-conservation-districts

Visit ProjectFirma Deployments Online

- Lake Tahoe Info EIP Project Tracker: eip.laketahoeinfo.org
- California RCD Project Tracker: rcdprojects.org

Schedule a Demo

Send a request to: techservicesmarketing@esassoc.com

Connect with us:

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esassoc.com/services/technology

